



BARC

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The BARC Newsletter is published quarterly by Bangladesh Agricultural Research Council (BARC) to provide news and information on agricultural research and development to the NARS and other concerned organizations in Bangladesh.

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Hon'ble Prime Minister Inaugurated Agriculture Technology Fair

Hon'ble Prime Minister Sheikh Hasina, People's Republic of Bangladesh inaugurated the three-day *Agriculture Technology Fair 2012* as chief guest on 1 March 2012 at Bangladesh Agricultural Research Institute. The inaugural session was addressed among others by the Hon'ble Agriculture Minister Matia Chowdhury MP, Mr. Md. Showkat Momen Shahjahan, Hon'ble Chairman of the Parliamentary Standing Committee on Agriculture Ministry, Mr. AKM Mozammel Haque, Hon'ble Chairman of the Parliamentary Standing Committee on Land Ministry and Mr. Zahid Ahsan Russel, Hon'ble Chairman of the Parliamentary Standing Committee on Youth and Sports Ministry. The session was chaired by Mr. M. Monjur Hossain, Secretary, Ministry of Agriculture.



Dr. Wais Kabir, Executive Chairman, BARC presenting the keynote paper

Dr. Wais Kabir, Executive Chairman, Bangladesh Agricultural Research Council presented the keynote paper on "Future of Agriculture Research in Bangladesh with special focus on the future research thrusts to cope with the adverse impact of climate change." Dr. M. Rafiqul Islam Mondal, Director General of Bangladesh Agricultural Research Institute delivered the welcome address and presented a paper on the activities of the Bangladesh Agricultural Research Institute. Dr. M. Syedul Islam, Director General, Bangladesh Rice Research Institute also presented a paper highlighting the activities of the Bangladesh Rice Research Institute.

Hon'ble Prime Minister Sheikh Hasina called upon the agricultural scientists to carry out viable and production oriented agricultural research. She urged the scientists for conducting research with their full devotion and sincerity with a view to addressing the problems in agriculture including those emerging from the global climate change. The Hon'ble Prime Minister emphasized the need for developing of flood, drought and salinity tolerant varieties of crops. She also mentioned that Father of the Nation Bangabandhu Sheikh Mujibur Rahman established the Bangladesh Agricultural Research Council to create scope for conducting research in the agriculture sector apart from setting up separate institutes for conducting research in paddy, jute and fisheries. Later, she visited different stalls of the fair and also planted a sapling of BARI Mango 4 developed by BARI at the BARI premises. She also went round the agriculture technology demonstration fields. At the function, the prime minister unveiled the cover of a handbook on agricultural technology.

National Workshop on Research Achievement of Past ten Years of Pulse and Oilseed Crops and their Future Research Strategies for Sustainable Crop Production and Food Security

A two-day workshop on *Research Achievement of Past ten Years of Pulse and Oilseed Crops and their Future Research Strategies for Sustainable Crop Production and Food Security* was organized by the Crops Division, Bangladesh Agricultural Research Council during 20-21 March 2012. The inaugural session was chaired by Dr. Wais Kabir,



Mr. Monjur Hossain, Secretary, Ministry of Agriculture was addressing as chief guest

Executive Chairman, BARC where Mr. Monjur Hossain, Secretary, Ministry of Agriculture was present as the chief guest. Dr. Abul Kalam Azad, Chief Scientific Officer (Crops), BARC briefed the objectives of the national workshop and welcomed the audience. Two keynote papers on Research & Development of Pulses: Past, present and future and Research and Development of Oil Seeds: Recent past, present and future were presented by Dr. M. Matiur Rahman, former Director General, Bangladesh Agricultural Research Institute and Dr. Md. Shahidur Rashid Bhuiyan, Professor, Dept. of Genetics and Plant Breeding, Sher-e-Bangla Agricultural University, Dhaka, respectively. About 70 participants including scientists, extension personnel, professors, experts and delegates from private seed companies took part in the workshop. The objective of the workshop was to know the achievement so far made in pulses and oilseeds crops both in public and private sector, and to make recommendation for the future research on pulses and oilseeds for sustainable production towards achieving food security of the country.

Mr. Monjur Hossain, Secretary, MoA in his opening speech reiterated the need of more pulses and oilseed production emphasizing food and nutritional security of the people in Bangladesh. The chief guest said that the expansion of both the crops in *charland* should be given priority. He also mentioned that NARS institutes, universities, DAE and BADC should work together for the development of pulse and oilseeds crops. He thanked BARC authorities for taking this initiative. The Executive Chairman of BARC, Dr. Wais Kabir said that pulses and oilseed areas could be increased simultaneously by decreasing boro rice and increasing aus rice cultivation. He emphasized international cooperation for exchanging germplasm and human resources development. The technical session of the workshop was followed by the inaugural session. Twenty technical papers were presented in the technical sessions by BARI, BRRI, BINA, BSRI, DAE, BADC, SCA, BAU, BSMRAU, SAU, BRAC and Lal Teer Seed Co. Ltd. The workshop was ended amidst the adoption of following recommendations for pulse and oilseed crops:

- Collection, conservation, characterization and utilization of the germplasm of pulse and oilseed crops

- Development of climate resilient varieties and technologies for pulses with high yield potential, and short duration mungbean in Kharif-I, blackgram in Kharif-II, chickpea in Barind and Sylhet areas, cowpea, mungbean, lathyrus varieties in the southern districts, similarly, groundnut, sunflower and soybean for oilseed crops in the southern region
- Development of high yield potential, short duration, resistant/tolerant to insect pest and disease varieties of oilseed and pulses for target areas and patterns
- Improvement of postharvest handling, storage, and processing of pulses to reduce losses and retain quality; and development of new machineries for mechanized cultivation
- Production of breeder and quality seed of improved varieties, distribution and establishment of seed multiplication farm
- Reduction of yield gap through application of appropriate production packages
- Strengthen scientists' skills through providing higher training specially on plant breeding
- Establishment of linkages with national and international organizations.

Progress Review and Programme Planning Workshop of the Project "Development of Variety, Cropping System and Technology Transfer of Major Cereals for Sustainable Food Security in Bangladesh"

A day long workshop on *Development of Variety, Cropping System and Technology Transfer of Major Cereals for Sustainable Food Security in Bangladesh* was organized by the Crops Division, BARC on 4th March 2012 at BARC conference room to review the progress of the AFACI food security project so far made by the implementing institutes. About 50 scientists and officers from BARI, BRRI, BARC, DAE & BADC participated in this workshop. The inaugural session of the workshop was chaired by Dr. Wais Kabir, Executive Chairman, BARC and the participants were welcomed by Dr. Md. Khalequzzaman Akanda Chowdhury, Member Director, Crops,

BARC. The progress status of AFACI food security project activities was presented by Dr. Mian Syed Hassan, PSO, Crops, BARC and Co-PI of the project. Dr. Hassan mentioned that during 2010-12, BRRI conducted 7 programmes on varietal improvement of Boro and T. Aman rice, 3 on cropping systems, and 3 on technology transfer and 3 programmes on varietal improvement of wheat and 3 on technology transfer by WRC, BARI. Demonstration on wheat and Boro rice by DAE and quality seed production of boro rice by BADC are in progress. Dr. Sirajul Islam, Director, Research, BARI mentioned that seeds should be collected from local demo plots and distributed among the farmers. Dr. Shamser Ali, Director, Research, BRRI said that some encouraging results were already achieved from limited fund and more thrust should be given to wheat cultivation in southern area to minimize import of wheat. More rice genotypes need to be evaluated in saline zone. Dr. Chowdhury mentioned that priority should be given on location specific problem and technology needs to be developed accordingly. Dr. Wais Kabir, Executive Chairman, BARC urged the scientists to use the best practices in agriculture by adopting new technology and hepend that sharing of knowledge of the Asian countries through this project could be achieved. He also emphasized the improvement of skills and knowledge of the scientists through this type of project in order to achieve the desired goal in agricultural production.



Dr. Wais Kabir, Executive Chairman, BARC addressing in the inaugural session of the workshop

In the technical session, progress reports and programmes (2012-13) of Bangladesh Rice Research Institute and Bangladesh Agricultural Research Institute were presented by Dr. Md. Nasim, PSO, BRRI and Dr. Naresh Chandra

Barman, PSO, Wheat Research Centre, BARI respectively. Besides, Dr. Binoy Kumar Sen, Deputy Director (Extension), Department of Agricultural Extension and Mr. Abu Hossain Mollah, DGM (Seed), Bangladesh Agricultural Development Corporation also presented their progress reports and programmes of 2012-13 cropping year. Some suggestion/comments were made viz., i) strong linkage between central (HQs) and regional/sub-stations of BARI and BRRI should be developed. Station-in-charge should be informed about the programme and station-in-charge of different sub-stations should be involved during the implementation of research work and given the full responsibility of all activities of AFACI project; ii) DAE will set up demonstrations of wheat (Var. Bijoy, BARI Gom 25 & 26 in a 9 hectare area) and boro (area 5 ha) in 2012-13 programme in the same Upazilla (Fakirhat). WRC, BARI will provide wheat seeds; iii) manuscript for wheat and rice cultivation booklet should be submitted by the focal points of BARI and BRRI within 15 March 2012; and iv) production programme on wheat variety BARI Gom 25/26(1 hectare) at saline area of ARS, BARI/adjacent farmers' field of Satkhira to be undertaken in 2012-13.

Mid-term Review of the PIU-BARC activities by the World Bank-IFAD Mission

A joint mission of the World Bank and the International Fund for Agricultural Development (IFAD) performed a Mid Term Review (MTR) of the National Agricultural Technology Project (NATP) including its major research component implemented by the Project Implementation Unit (PIU) of BARC during 7-22 March 2012. The purpose of the MTR was to assess the relevance of the design and institutional arrangements of the project along with implementation effectiveness in meeting the NATP development objectives. The mission comprising 13 members was led by Mr. Ousmane Seck, Senior Rural Development Specialist and NATP- Task Team Leader of the World Bank, Bangladesh office. As a part of their activities, the mission had detailed discussions with the Secretaries of Ministry of Agriculture, Ministry of Livestock and Fisheries, Dr. Wais Kabir, Executive Chairman, BARC and the head of the other NATP components and also with Dr. Md. Abdur Razzaque, Project Director of PCU

To meet the mission requirements, the PIU-BARC prepared well ahead of time an extensive status report covering all activities till date on SPGR (Sponsored Public Goods Research) and ERIE (Enhancement of Research Institutional Efficiency) for the upcoming MTR mission of the World Bank/IFAD. On the occasion, the Project Coordination Unit organized a 2-day workshop during 7-8 March 2012 at BARC whereafter the general presentation of the NATP activities by Dr. Md. Abdur Razzaque PCU Project Director and Dr. Md. Abul Kashem, Director PIU-BARC made detailed presentations on progress of activities on SPGR and ERIE . After presentation, lively and lengthy discussions held and Dr. Kashem and M. Anwar Iqbal, M&E Expert, PIU-BARC replied and clarified the questions raised by the team members. To make the best use of time and to cover much of the activities, the mission split into several groups; one of which visited BARI and BRRI on 13 March. Prior to the mission's visit, necessary preparations were taken through a meeting with the 26 PIs of the SPGR sub-projects of BARI and 14 PIs of the SPGR sub-projects of BRRI in presence of the Director, Research of the institute. M. Anwar Iqbal, M&E Expert, PIU-BARC provided necessary guidance to the PIs on presentation material development and also on the visit of the lab. and field activities. Dr. Rafiqul Islam Mondal, Director General and Dr. Sirazul Islam, Director, Research BARI were present during MTR mission members visit on 13 March and provided required clarification and opinion as and when needed. The mission also visited BRRI and was received by the Director, Res. Dr. M.



A view of the workshop on progress and achievement of NATP for Mid Term Review of the World Bank

Shamser Ali. The mission members after attending the presentation session arranged in the BRRI conference hall and also visited went around the lab and field activities on SPGR. In both the cases, the mission members showed keen interest and were impressed by the progress of work done so far. The members stressed on the up-scaling of the activities and their transfer to the end users.

Training on Post harvest Management of Fruits and Vegetables

A two-day training programme on *Postharvest Management of Fruits and Vegetables* was organized by Crops Division, Bangladesh Agricultural Research Council during 25-26 January 2012. The objective of the training programme was to improve knowledge and skills of scientists/officials on postharvest losses of fruits and vegetables and their management. A total of 35 participants from NARS institutes, university teachers, officials from DAE, BADC, Hortex Foundation and private companies attended the programme. In the inaugural session Dr. Abul Kalam Azad, Chief Scientific Officer, Crops, BARC welcomed all participants and briefed the objectives of the training to the participants. Dr. Md. Khalequzzaman A. Chowdhury, Member Director, Crops, who chaired the inaugural session, highlighted the importance of minimizing postharvest losses of fruits and vegetables towards achieving food security in the country. He said that at present the average annual postharvest losses go up to 20% for fruits and 25-30% for vegetables, and thus we must minimize such huge losses starting from crop production to its consumption.



Dr. Md. Khalequzzaman Chowdhury, Member Director Crops, BARC addressing in the inaugural session of the training



Dr. Wais Kabir, Executive Chairman, BARC giving certificate to a participant of the training

He underlined the need for the improvement of the present packaging systems with a view to reducing the postharvest losses substantially. In order to minimize the postharvest losses of fruits and vegetables, close cooperation among the researchers, extension and private sector personnel are needed. A total of 11 theoretical classes were conducted in the two days training. The lectures covered farmers' innovative technologies, assessment of postharvest losses, harvesting, transport, packaging, storage, processing, preservation, value addition, marketing of processed fruits and vegetables, quality requirements of fresh fruits and vegetables for export, risks and benefits of artificial ripening of fruits at pre and postharvest stages, pesticide residues and food safety in fruits and vegetables. Some policy related issues were also discussed in the programme. Renowned scientists and university teachers of the relevant fields joined as resource speakers.

In the concluding session, Dr. Wais Kabir, Executive Chairman, BARC, urged the participating scientists/officials to give proper attention to the reduction of postharvest losses of fruits and vegetables. He suggested that stronger linkages among the scientists of NARS institutes, public and private sectors need to be established. Dr. Kabir hoped that the capacity of stakeholders would be strengthened through effective training but such training must be fruitful for the end users. Participants opined that they were mostly benefited from the training programme by gathering new knowledge and ideas on improved postharvest

management techniques of fruits and vegetables in Bangladesh. Some participants suggested that in the future training, more lectures on food processing should be included. Certificates were given among the participants by the Executive Chairman.

Workshop on Constraints and Opportunities of Agroforestry in Newly Accredited Char Land of Bangladesh

A day long workshop on *Constraints and Opportunities of Agroforestry in Newly Accredited Char Land of Bangladesh* was held during 14 March 2012 at BARC Conference Room. The objectives of the workshop were to identify the problems, prospects, research activities and development of agroforestry practices in newly accreted char land in Bangladesh and develop future research strategies for Agroforestry practices. Dr. Wais Kabir, Executive Chairman, BARC was present as chief guest. Dr. A.A. Hassan, Member Director, Natural Resource Management BARC chaired the inaugural session. Dr. Wais Kabir, Executive Chairman, BARC, in his speech underscored the need of agroforestry in Char Land area for better livelihood and agricultural production. Dr. Mohammad Shahjahan, CSO,



A view of the inaugural session of the workshop

Forestry delivered a brief welcome address in the inaugural session. He said Agroforestry is a new concept for effective land use system and it is widely used by farmers. This technology will contribute to produce more fruits and vegetables for food security and thus supplement nutrition. There were 70 participants in the workshop and ten scientific papers were presented by the scientists of different institutions. From the presentation, it was

recommended that a baseline survey of agroforestry practices should be done and made an ICT based information repository. Promotion of agroforestry incorporating agriculture, forestry, livestock, fisheries and apiculture to enhance Alternate Income Generating (AIG) activities among the farmers in the coastal areas on the basis of local resources.

Seminar on Assessment of Research Priorities for Crop Sector in Bangladesh

Dr. Paresh Chandra Golder, CSO, P&E Division, BARC has recently completed his Post-Doctoral Research on *Assessment of Research Priorities for Crop Sector in Bangladesh* at the National Academy of Agricultural Research Management (NAARM), a constituent institution of Indian Council of Agricultural Research located at Hyderabad, India. He has presented his post-doctoral research report in a seminar at BARC on 19 February 2012. Dr. Wais Kabir, Executive Chairman, BARC presided over the seminar.

Dr. Golder in his presentation highlighted the importance of priority setting in agricultural research. He stated that priority setting is an important tool in the management of limited



Dr. Paresh Chandra Golder, CSO (P&E), BARC was presenting his post-doctoral research work

resources. It aims to improve strategic planning and accomplish efficient allocation of scarce research resources to improve research efficiency within the framework of national policy goals. The study emphasizes the need for (a) the substantial increase of expenditure in agricultural research (b) frontier research like biotechnology and nanotechnology to increase vertical growth in rice (c) proportional allocation of research budget for pulses, oilseeds,

cash crops, fruits and vegetables, (d) reduction of improper trade balance in export-import, and (e) regional importance for research resource allocation. The chairperson of the seminar opined that the outputs of this study will go a long way in providing broad guidelines in enhancing efficiency of research resources to meet the daunting challenges in Bangladesh Agriculture.

Executive Council Meeting

The 96th Executive Council meeting was held at SAC Conference Room on 20 February 2012 with Dr. Wais Kabir, Executive Chairman of BARC in the chair. The meeting reviewed implementation and progress of the decisions taken in the 95th meeting. It discussed the research proposals and budgets for the fiscal year 2010-2011 placed by SRDI and BINA and approved the budgets. The meeting also approved the revised honorarium/sitting allowance for the honourable Governing Body Member, Executive Council Member, Editorial Board Member of Bangladesh Journal of Agriculture and the members or other relevant fields.



A view of BARC Executive Council meeting

Dissemination of Nutrition Information Among School Teachers

Bangladesh Agricultural Research Council and Bangladesh applied Nutrition and Human resource development Board (BANHRDB) jointly organized a three day training on *Dissemination of Nutrition Information Among School Teachers* during 7-8 April 2012 in the training room of DAE, Sylhet. A total of 30 school teachers from the different parts of the greater Sylhet district participated in the programme. The course was organized to



Guests were distributing certificates among the participants

disseminate the message on food based nutrition with the view that the acquired knowledge would be transferred to the students which might be transmitted to the parents and the neighbors. The course included multidisciplinary sectors in the following subjects viz; agriculture products, fishery, food hygiene, sanitation, safe food and food security improvement of nutrition level, different chemicals use in food, consumer awareness etc. In the training programme, Mr. A. B. M. Abdus Zaher, Additional Director, DAE, Sylhet, was present as the chief guest. The inaugural session was presided over by Md. Saiful Islam, Deputy Director, DAE, Sylhet. Dr. Md. Monirul Islam, Director, Nutrition and Mr. Md. Aminuzzaman, Director, Manpower & Training attended the certificate giving ceremony. Dr. Monir in his concluding remarks said the participants would utilize the opportunity to build up awareness of nutrition and disseminate nutritional information among the students. It would help the people mitigate the nutritional problems, he hoped. On the other hand, Mr. Md. Aminuzzaman in his address explained in brief the role of teachers in dissemination of information with the hope that the teachers would contribute to build up awareness of healthy food and nutritional requirements among the school children. Dr Mohammad Nur Hossain Mia, Dean, Sylhet Agricultural University, Sylhet attended the closing session and distributed certificates among the participants. In his deliberation he appreciated for implementing such type of training programme. He also advised to organize more training programmes at district and upazilla levels. Finally, the training programme ended with vote of thanks from the chair.

Meeting with National Agroforestry Working Group of Bangladesh

A meeting of the *National Agroforestry Working Group of Bangladesh (NAWGB)* was held on 15 March 2012 at BARC. The meeting was chaired by Dr. A. A. Hassan, Member Director, Natural Resource Management, BARC, Dhaka as convener of NAWG. Twenty-one participants from 19 organizations attended the meeting. Dr. Mohammad Shahjahan, CSO (Forestry), BARC presented the minutes of the last NAWG meeting held on 31 January 2011. There was a lively discussion on the minutes, which were approved after minor modifications. After approval of the minutes, the Member Secretary, NAWG, presented the working paper of the meeting. All the members actively participated in the discussion and some decisions were taken. i.e; Arrange a workshop on Bamboo production and utilization; Arrange a Training workshop on forestry technologies for capacity building of professionals; Arrange a research programme planning and research review workshop of Agroforestry; Arrange a workshop on medicinal plants of Bangladesh (collection, cultivation, preservation and utilization); Arrange a Training for Trainers on forestry and agroforestry technologies; Coordinated Research programme of Agroforestry through SPGR of NATP Phase-1, and Develop and incorporate a new program on Agroforestry research in the core programme of the organizations.

Training Course on Technical Report Writing and Editing

Agricultural Information Centre, BARC organized a 5-day training course on *Technical Report Writing and Editing* during 15-19 January 2011 at BARC. The training programme was inaugurated by Mrs. Dil Afroz, Director, Agricultural Information Centre, BARC. The main objective of training programme was to make the editors, scientists and other officers involved in publication activities aware of the modern and proper techniques of technical report writing and editing so that scientific publications and reports would be more meaningful. Twenty five officials from NARS institutes attended the training programme. Papers were presented in the areas of writing technical / scientific paper, contents and conventions,

methodology of scientific article, reference citation, unicode and web publishing, IPR copyright, image processing using illustration in printing and photography etc.



Dr. Wais Kabir, Executive Chairman, BARC addressing in the concluding session of the training workshop

In the closing ceremony Dr. Wais Kabir, Executive Chairman, BARC was present as chief guest and gave certificates among the participants. During his speech the Executive Chairman highlighted the importance of the training on technical report writing and editing. He also appreciated the programme and suggested to continue this course for enriching the scientific publications. Among others Dr. S.M. Khalilur Rahman, Member Director, AERS BARC spoke on the occasion.

Training on Soil Fertility and Fertilizer Management for Crops and Cropping Patterns

A training program on *Soil Fertility and Fertilizer Management for Crops and Cropping Patterns* was held for two batches respectively on February 7-8, and 14-15, 2012. The training program was organized by Soil unit of NRM Division with the financial support of SPGR project entitled Coordinated Project on Soil Fertility and Fertilizer Management for Crops and Cropping Patterns (SFFMP). A total of 60 participants for two batches from BARI, BRRI, BINA, BSRI, BJRI and SRDI personnel working in the project attended the training programme. This training programme was a part of the aforesaid project activities. In this two-day training programme, 15 theoretical classes were conducted covering on Soil Fertility and Fertilizer Management, Essential Plant Nutrients

and their Role in the Crop Production, Availability of Plant Nutrient in Soils, their Critical Limits and Nutrient Balance, Balanced Use of Fertilizers and their Uptake by Crop Plants, Integrated Plant Nutrition System (IPNS) and Deficiency Symptoms of Plant Nutrients in Crop Plants. Eminent professors from universities, expert scientists from BARC, BARI, BRRI and SRDI in relevant fields were the resource speakers. The training programme ended with a certificate giving ceremony where Dr. Wais Kabir, Executive Chairman, BARC was present as chief guest. He emphasized the need of such important training program for sustaining agricultural production along with the maintenance of good soil health.



Chief Guest, Dr. Wais Kabir, Executive Chairman, BARC addressing in the certificates giving ceremony

Econometric Analysis through Different Computer Software

A five-day training programme on *Econometric Analysis through Different Computer Software* was organized by Agricultural Economics and Rural Sociology Division, BARC during 18-22 March 2012. The inaugural ceremony of the training programme was held on 18 April 2012. Dr. S.M Khalilur Rahman, Member Director, AERS and Mr. Abeed Hussain Chowdhury, Director, Computer were present as chief guest and special guest respectively. Dr. Fauzia Yasmin, PSO, AERS and course director of this training programme in her welcome address highlighted the objectives which includes finding out appropriate method for analysis, determining the accurate results and finding related with Bangladesh agricultural situation. A total of 18 participants from different research institutes attended the training programme. In this five-day training programme,

29 lectures were delivered. The lectures covered different aspect of economic issues that included statistical applications through different computer software such as E-view, STAT, Frontier 4.1, DEAP & GIS. Professors of relevant field from Bangladesh Agricultural University, Mymensingh, Shere Bangla Agricultural University, Asha University and United International University, Dhaka were resource speakers. In the closing function Dr. Wais Kabir, Executive Chairman, BARC was present as chief guest. Dr. Kabir emphasized the need for econometric analysis for policy research for ensuring food security of the country. Dr. SM Khalilur Rahman, Member Director and Dr. Fauzia Yasmin, PSO, BARC being present as special guest and as course coordinator respectively, briefed the activities of the training programme. Participants opined that they were benefited from the training programme by acquiring knowledge about econometrics through different computer software for policy research regarding Bangladesh agricultural situation.



A view of the certificates giving ceremony

Training Course on Graphic Design Using Suitable Software

Agricultural Information Centre, BARC organized a 10-day training programme on *Graphic Design Using Suitable Software* during 26 February-8 March May 2012 at BARC. The training programme was inaugurated by Mrs. Dil Afroz, Director, Agricultural Information Centre, BARC. The main objective of training programme was to make the AIC personnel and other concerned BARC officers capable of working with of Illustration and QuarkXpress for building the in house publication capacity. Papers were presented

in the areas like image processing using, illustration in printing, photography, Photoshop etc. The training also included some practical sessions. In the closing ceremony Dr. Wais Kabir, Executive Chairman, BARC was present as chief guest and gave certificates among the participants. He appreciated the programme and highlighted the importance for enriching the outlook of the scientific publications. The programme was also addressed among others by Dr. S.M Khalilur Rahman, Member Director AERS, Dr. M.A Kashem, Director, PIU-NATP, BARC and Md. Aminuzzaman, Director, Training&Manpower.



Dr. S.M Khalilur Rahman addressing the concluding session of the training

Visit Abroad

Dr. Wais Kabir, Executive Chairman of BARC visited Thailand during 16-17 February 2012 to attend the workshop on "Agricultural R&D in the Asia Pacific Region: The Need to Monitor Investments, Capacities and Institutional Changes" in Bangkok. Dr. Wais Kabir attended the Global Conference on Role of Women in Agriculture held in New Delhi of India during 13-15 March 2012. Dr. Wais Kabir also attended another program Eighth Session of the Governing Council of the Centre for the Alleviation of Poverty through Sustainable Agriculture (CAPSA)" held in Yuzakarta in Indonesia during 21-22 March 2012.

Mr. Md. Abeed Hossain Chowdhury, Director (Computer & GIS), BARC attended "Ag MIP South Asia Regional Workshop" held in India during 20-24 February, 2012

Dr. Monirul Islam, Principal Scientific Officer (Nutrition), BARC took part in the Forty-fourth Session of the CODEX Committee on Food

Additives held during 12-16 March 2012 in Hangzhou, China

Dr. S M Khalilur Rahman, Member Director AERS, BARC attended the Inception Meeting on "Network for Knowledge Transfer on Sustainable Agricultural Technologies and Improved Market Linkages in South and Southeast Asia (SATNE) held during 13-14 March 2012 in Bogor, Indonesia

Dr. Abul Kalam Azad, Director SAC and CSO Crops, BARC attended the Regional Consultation Workshop on *Brood-stock Management and Dissemination of Improved Fish Breed in the SAARC Countries* held during 13-16 March 2012 in Islamabad, Pakistan.

Susmita Das, Senior Documentation Officer, AIC, BARC attended the 57th All India Library Conference on the theme of *Knowledge Society: Innovations in Librarianship* held at Magalore, in India from 23rd to 25th February 2012. The learned professionals and delegates from different country and different states of India attended the conference. About 200 papers were selected for presenting as well as publishing in the proceedings of the conference. Among them Mrs. Das presented one paper on "The Present Status of Bangladesh NARS and a Proposed Model for the Digital upgradation."

Congratulations



On behalf of all the scientists, officers and employees of the National Agricultural Research System (NARS) we proudly extend our heart-felt congratulations to Scientist Emeritus and former Executive Chairman of Bangladesh Agricultural Research Council

Dr. Kazi M. Badruddoza

on receipt of the Independence Award 2012 in recognition to his glorious and outstanding contributions in research and training.

**Executive Chairman
Bangladesh Agricultural Research Council**

Readers and Contributors

The scientists, technologists and concerned officials involved in NARS institutes are requested to send articles, success stories, research highlights and reports on important events with quality photographs for BARC Newsletter. Cooperation in this regard as well as your valuable comments and suggestions for our future endeavour would be highly appreciated.

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